Towards
5-loop polarization functions in pQCD: first $O(\alpha_s^4 N_f^2)$ results and applications

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based on recent works by
P. A. Baikov, K. Ch. and J. H. Kühn:

The Cross Section of e^+e^- Annihilation into Hadrons of Order $\alpha_s^4 n_f^2$ in Perturbative QCD
(Phys. Rev. Lett. 88:012001,2002, [hep-ph/0108197]),

Towards Order α_s^4 Accuracy in τ-decays
(in preparation)

LOOPS & LEGS 2002